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a central processing unit, coupled to the system interface, wherein, upon receiving the event signal, the system interface reports an occurrence of an event to the central processing unit; and

a system log which receives failure information communicated from the system interface and stores said failure information.

34. (Amended) A system for reporting a failure condition in a server system, comprising:

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means for detecting the failure condition;

means for generating and transmitting failure information related to the failure condition across a control bus from a first microcontroller to a system recorder microcontroller;

means for assigning a time value to the failure information;

means for storing the failure information and its time value into a system log;

means for reporting an occurrence of an event to a remote computer coupled to the server system via a remote interface, wherein the remote computer is connected to the remote interface via a modem connection;

means for accessing the system log via the system recorder microcontroller; and

means for reading the failure information.

40. (Amended) A program storage device storing instructions that when executed by a computer perform a method, wherein the method comprises:

A3
detecting a system failure condition;

transmitting failure information related to the failure condition to a system recorder;

storing the failure information in a system log; and

reporting an occurrence of **[an event]** the failure condition to a central processing unit **[of the server system]**.

45. (Amended) The device of Claim 40 wherein the act of reporting the occurrence of the **[event]** failure condition to the central processing unit comprises:

A4
sending an event signal to a system interface, coupled to the central processing unit;

setting a bit in a bit vector within the system interface, wherein the setting of the bit corresponds to a specified type of system failure; and

sending an interrupt signal to the central processing unit after the bit is set, wherein, upon receiving the interrupt signal the central processing unit reads a status register within the system interface to ascertain that the event signal has been received by the system interface.

47. (Amended) The device of Claim 40 wherein the act of reporting the occurrence of the [event] failure condition to the central processing unit comprises:

sending an event signal to a system interface, coupled to the central processing unit;

setting a bit in a bit vector within the system interface, wherein the setting of the bit corresponds to a specified type of system failure; and

setting a status of a status register within the system interface to indicate the occurrence of the event, wherein the central processing unit monitors the status register within the system interface at specified periodic intervals.

49. (Amended) The device of Claim 40 wherein the method further comprises reporting the occurrence of the [event] failure condition to a local computer connected to server system via a remote interface.

50. (Amended) The device of Claim 49 wherein the act of reporting the occurrence of the [event] failure condition to the local computer comprises:

sending an event signal to the remote interface;

setting a bit in a bit vector within the remote interface, wherein the setting of the bit corresponds to a specified type of system failure; and

notifying the local computer that the event signal has been received by the remote interface.

55. (Amended) The device of Claim 40 wherein the method further comprises reporting the occurrence of the [event] failure condition to a remote computer connected to the server system via a remote interface, wherein the remote computer is connected to the remote interface via a modem-to-modem connection.

56. (Amended) The device of Claim 55 wherein the act of reporting the occurrence of the [event] failure condition to the remote computer comprises: